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BINDING INSTRUCTIONS

This issue of *Nuclear Science Abstracts (NSA)* contains Title Pages, Binding Instructions, a Cumulative Table of Contents, an Author Index, a Subject Index, and a Numerical Index of Reports for Vol. 8 (1954). In addition, there are lists of the Depository Libraries and published NNES volumes. The pagination of the cumulative indexes and of the lists is a continuation of the pagination of Vol. 8.

In binding Vol. 8, the Tables of Contents and the indexes which accompanied each number and the quarterly cumulations of Vol. 8 should be discarded for they are superseded by the cumulations contained in this issue. Three title pages have been provided so that the volume can be bound in one cover or in two covers for greater convenience in handling.

CUMULATIVE ERRATA

Changes necessitated by errata lists in the individual issues should be referred to since many of them are not repeated here. The errata items listed below pertain only to *NSA*, Vol. 8. Items pertaining to previous volumes of *NSA* and to indexes and lists in individual issues of Vol. 8 which are superseded by the annual cumulation are omitted.

NSA, Vol. 8, No. 1, p. 20. In abstract 174, Report OSRD-66 should be BM-OSRD-66.

NSA, Vol. 8, No. 3, p. 97. In abstract 825, Report WAL-401/45-215 should be WAL-401/45-32.

NSA, Vol. 8, No. 7, p. 213. In abstract 1770, the descriptive cataloging should read: CIVIL DEFENSE AND ATOMIC WARFARE; A SELECTED READING LIST. U. S. Atomic Energy Commission for the Federal Civil Defense Administration. U. S. Government Printing Office, 1953. 48p. FCDA. Publication No. H-25-1. For sale by U. S. Government Printing Office. $0.25.

NSA, Vol. 8, No. 9, p. 319. In abstract 2656, Report NO-5010 should be NP-5010.

NSA, Vol. 8, No. 11, p. 400. In abstract 3338, Report AEC-tr-1858 should be AEC-tr-1868.

NSA, Vol. 8, No. 11, p. 430. In abstract 3594, the sixth line reads: 503 ± 8 kev (0.11 ± 0.02%); it should read 503 ± 8 kev (0.11 ± 0.02‰).

NSA, Vol. 8, No. 17, p. 614. In abstract 5118, Report UCRL-2563 should be UCRL-2565.

NSA, Vol. 8, No. 17, p. 634. In abstract 5278, add, Phys. Rev. 95, 370-1(1954) to descriptive cataloging.

NSA, Vol. 8, No. 17, p. 635. In abstract 5285, the word contrifuge should be betatron.

NSA, Vol. 8, No. 17, p. 646. In abstract 5382, Chug Ying Chih should be Chung Ying Chih.

LIST OF PERIODICALS SCANNED FOR NSA

The periodicals listed below have been scanned for material to be abstracted in *NSA*. Continued re-evaluation of the productivity of the available journals has resulted in additions to and deletions from the list during the course of the year. A single asterisk (*) denotes titles added to the scanning list during the year, and a double asterisk (**) denotes titles removed from the list during the year. All other titles have been scanned throughout the year. The titles are arranged alphabetically with an underscore indicating that portion used as the abbreviation.

Acta Chemica Scandinavica
Acta Crystallographica
Acta Metallurgica
Acta Physica Austriaca
**Acta Polytechnica. Chemistry including Metallurgy Series
Acta Radiologica
Acta Unio Internationalis contra Cancrum
American Industrial Hygiene Association Quarterly
American Journal of Anatomy, The
American Journal of Physics
American Journal of Physiology, The
American Journal of Roentgenology, Radium Therapy and Nuclear Medicine
American Mineralogist, The
*Anais de academia brasileira de ciencias
Anales de la real socieded española de física y química (Madrid) Series A
Anales de la real socieded española de física y química (Madrid) Series B
Analyst, The
Analytica Chimica Acta
Analytical Chemistry
Anatomical Record, The
Angewandte Chemie
Annalen der Physik
Annales de physique
Annales de la société scientifique de Bruxelles Série I
Annual Reviews of Nuclear Science
Applied Scientific Research
Archiv für technisches Messen
Archives of Biochemistry and Biophysics
Archives of Industrial Hygiene and Occupational Medicine
Archives of Ophthalomology (Chicago)
Arkiv för Fysik
Atomics (London)
*Australian Journal of Applied Science
Australian Journal of Biological Sciences
Australian Journal of Physics
Biochemical Journal, The (London)
Biokhimiya
*Bollettino della società italiana di biologia sperimentale
Botanicheskiĭ Zhurnal S.S.S.R.
British Journal of Applied Physics
*British Journal of Cancer
British Journal of Radiology, The
British Medical Bulletin
**Bruxelles-médical
Bulletin of the American Ceramic Society
*Bulletin of the Chemical Society of Japan
Bulletin de la classe des sciences, Académie royale de Belgique
Bulletin de la société belge de géologie, de paléontologie et d'hydrologie
Bulletin de la société chimique de France
Bulletin de la société royale des sciences de Liège
Canadian Journal of Chemistry
Canadian Journal of Physics
Cancer
Cancer Research
*Chemical Engineering
*Chemical Engineering Progress
Comptes rendus hebdomadaires des séances de l'académie des sciences
*Corrosion
**Deutsche medizinische Wochenschrift
Discussions of the Faraday Society
Doklady Akademii Nauk S.S.S.R.
*Electronic Engineering
*Electronics
Endocrinology
*Energia nucleare notiziario a cura del CISE
Experientia
Experimental Cell Research
Fiziologicheskiĭ Zhurnal S.S.S.R.
Fortschritte auf dem Gebiete der Röntgenstrahlen
*Genetics
Geochimica et Cosmochimica Acta
Helvetica Chimica Acta
Helvetica Physica Acta
Indian Journal of Physics
Industrial and Engineering Chemistry
Izvestiya Akademii Nauk S.S.S.R., Seriya Biologicheskaya
Izvestiya Akademii Nauk S.S.S.R., Seriya Fizicheskaya
Izvestiya Akademii Nauk S.S.S.R., Seriya Geograficheskaya i Geofizicheskiya
*Izvestiya Akademii Nauk S.S.S.R., Seriya Geologicheskaya
Izvestiya Akademii Nauk S.S.S.R., Seriya Matematicheskaya
Izvestiya Akademii Nauk S.S.S.R., Otdelenie Khimicheskikh Nauk
Izvestiya Akademii Nauk S.S.S.R., Otdelenie Tekhnicheskikh Nauk
Journal of the American Ceramic Society
Journal of the American Chemical Society
*Journal of Applied Mechanics
Journal of Applied Physics
Journal of Bacteriology
Journal belge de radiologie
Journal of Biological Chemistry, The
*Journal of the British Institution of Radio Engineers
Journal of Cellular and Comparative Physiology
Journal of Chemical Physics, The
Journal of the Chemical Society (London)
Journal de chimie physique et de physico-chimie biologique
Journal of Clinical Endocrinology and Metabolism
Journal of Clinical Investigation, The
Journal of the Electrochemical Society
*Journal of Experimental Medicine
*Journal of Experimental Zoology
Journal of the Franklin Institute
Journal of General Physiology, The
*Journal of the Indian Chemical Society
Journal of the Indian Institute of Science
Journal of the Institute of Metals and Metallurgical Abstracts
Journal of Laboratory and Clinical Medicine, The
Journal of Metals
Journal of the National Cancer Institute
*Journal of the Optical Society of America
Journal of Pharmacology and Experimental Therapeutics, The
Journal of Physical Chemistry, The
*Journal of the Physical Society of Japan
Journal de physique, Le, et Le radium
Journal de radiologie et d'électrologie et Archives d'électricité médicale
Journal of Research of the National Bureau of Standards
Journal of Scientific and Industrial Research (India)
Journal of Scientific Instruments
*Journal of the Scientific Research Institute (Tokyo)

Kolloidnyĭ Zhurnal
Kongelige Danske Videnskabernes Selakab, Det., Matematisk-fysiske Meddelelser
*Laboratory Investigations
Matematicheskiĭ Sbornik
Metal Progress
Metallurgia
Mikrobiologiya
Monatshefte für Chemie und verwandte Teile anderer Wissenschaften
Nature (London)
Naturwissenschaften, Die
Nederlands Tijdschrift voor Natuurkunde
Nucleonics
Nuovo cimento, Il
*Phillips Technical Review
Philosophical Magazine, The
Physica
Physical Review, The
*Physiological Reviews
Prikladnaya Matematika i Mekhanika
Priroda
*Proceedings of the Indian Academy of Sciences "A"
*Proceedings of the National Academy of Sciences of the U. S.
Proceedings of the Physical Society (London), The. Section A
Proceedings of the Physical Society (London), The. Section B
Proceedings of the Royal Irish Academy, Section A
Proceedings of the Royal Society (London) Series A
Proceedings of the Royal Society (London) Series B
Proceedings of the Society for Experimental Biology and Medicine
Progress of Theoretical Physics (Japan)
*Quarterly of Applied Mathematics
*Radiation Research
Radiography
Radiologia medica, La
Radiology
Recueil des travaux chimiques des Pays-Bas
Rendiconti istituto superiore di sanità
Review of Scientific Instruments
Reviews of Modern Physics
Revista mexicana de física
Revue de la faculté des sciences de l'université d'Istanbul
Science
*Scientific Proceedings of the Royal Dublin Society
Strahlentherapie
Surgery, Gynecology, and Obstetrics with International Abstracts of Surgery
*Texas Reports on Biology and Medicine
Transactions of the American Society of Mechanical Engineers (Trans. ASME)
Transactions of the Faraday Society
Uspekhi Fizicheskikh Nauk
Uspekhi Khimii
Uspekhi Sovremennoĭ Biologii
Vestnik Akademii Nauk S.S.S.R.
Welding Journal, The (New York)
*Zeitschrift für angewandte Mathematik und Mechanik
*Zeitschrift für angewandte Mathematik und Physik
Zeitschrift für angewandte Physik
Zeitschrift für anorganische und allgemeine Chemie
Zeitschrift für Naturforschung, Pt. a (The Pt. is carried in Vol. No., Exam. 9a)
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Zeitschrift für Physik
*Zeitschrift für physikalische Chemie (Frankfurt) [Neue Folge]
Zeitschrift für physikalische Chemie (Leipzig)
Zhurnal Analiticheskoĭ Khimii
Zhurnal Eksperimental'noĭ i Teoreticheskoĭ Fiziki
Zhurnal Fizicheskoĭ Khimii
Zhurnal Obshcheĭ Biologii
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Zhurnal Prikladnoĭ Khimii
*Zhurnal Tekhnicheskoĭ Fiziki
Zoologicheskiĭ Zhurnal